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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A FLUID HEATER

(57) Abstract: In most households the electrical geyser is one of the major electricity consumers. This patent provides an alternative method of heating a fluid typically water, only using electricity while water is flowing. The invention provides a method of heating a fluid which includes the step of passing said fluid along a flow passage (14) defined within a tubular electrically resistive heating element (12). An effective and electricity saving means for heating a fluid particularly water for industrial and/or domestic purposes is provided. A current regulator may be added to the heating element (12) to heat a fluid particularly water to a specific temperature for a specified flowrate.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/ZA 03/00112-0

CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: F24H 1/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

epodoc, wpi, fi cl txte, fi cl txtg

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0485211 B1 (PIFCO LTD.) 18 June 1997 (18.06.1997) <i>abstract, fig. 5.</i>	1,2
X	US 6128439 A (ADAR et al.) 3 October 2000 (03.10.2000) <i>abstract, fig. 1.</i>	1,2
X	DE 1690682 A (TRANS CONTINENTAL ELECTRONICS CORP.) 9 June 1971 (09.06.1971)	1,2
X	NL 8502047 A (SIERS LEIDINGEN- EN MONTAGEPROJECTEN BV) 16 February 1987 (16.02.1987) <i>figs. 1,2.</i>	1,2

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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Information on patent family members

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Patent document cited in search report			Publication date	Patent family member(s)			Publication date
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WO	A	20020068 65		none			